

FIGURE 1

A

POLYPEPTIDE SEQUENCE OF HUMAN TRIOSEPHOSPHATE ISOMERASE (GENBANK ACCESSION NO. AAB51316 (SEQ ID NO. 1))

1 MAPSRKFFVG GNWKMNGRKQ SLGELIGTLN AAKVPADTEV VCAPPTAYID FARQKLDPKI
61 AVAAQNCYKV TNGAFTGEIS PGMIKDCGAT WVVLGHSERR HVFGESDELI GQKVAHALAE
121 GLGVIACIGE KLDEREAGIT EKVVFQTKV IADNVKDWSK VVLAYEPVWA IGTGKTATPQ
181 QAQEVHEKLR GWLKSNSVDA VAQSTRIIYG GSVTGATCKE LASQPDVDGF LVGGASLKPE
241 FVDIINAKQ

B

DNA SEQUENCE OF HUMAN TRIOSEPHOSPHATE ISOMERASE (GENBANK ACCESSION NO. U47924 (SEQ ID NO. 2))

1 ATGGCGCCCT CCAGGAAGTT CTTCGTTGGG GGAAACTGGA AGATGAACGG GCGGAAGCAG
61 AGTCTGGGGG AGCTCATCGG CACTCTGAAC GCGGCCAAGG TGCCGGCCGA CACCGAGGTG
121 GTTTGTGCTC CCCCTACTGC CTATATCGAC TTCGCCCCGC AGAAGCTAGA TCCCAAGATT
181 GCTGTGGCTG CGCAGAACTG CTACAAAGTG ACTAATGGGG CTTTTACTGG GGAGATCAGC
241 CCTGGCATGA TCAAAGACTG CGGAGCCACG TGGGTGGTCC TGGGGCACTC AGAGAGAAGG
301 CATGTC¹TTTG GGGAGTCAGA TGAGCTGATT GGGCAGAAAG TGGCCCATGC TCTGGCAGAG
361 GGACTCGGAG TAATCGCCTG CATTGGGGAG AAGCTAGATG AAAGGGAAGC TGGCATCACT
421 GAGAAGGTTG TTTTCGAGCA GACAAAGGTC ATCGCAGATA ACGTGAAGGA CTGGAGCAAG
481 GTCGTCCTGG CCTATGAGCC TGTGTGGGCC ATTGGTACTG GCAAGACTGC AACACCCCAA
541 CAGGCCCAGG AAGTACACGA GAAGCTCCGA GGATGGCTGA AGTCCAACGT CTCTGATGCG
601 GTGGCTCAGA GCACCCGTAT CATTTATGGA GGCTCTGTGA CTGGGGCAAC CTGCAAGGAG
661 CTGGCCAGCC AGCCTGATGT GGATGGCTTC CTTGTGGGTG GTGCTTCCCT CAAGCCCGAA
721 TTCGTGGACA TCATCAATGC CAAACAATGA

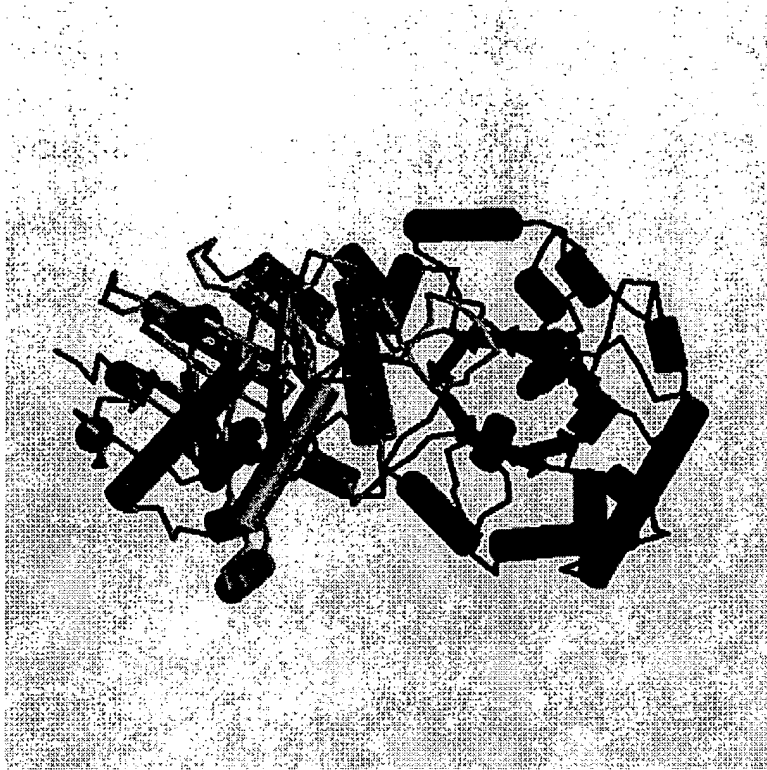
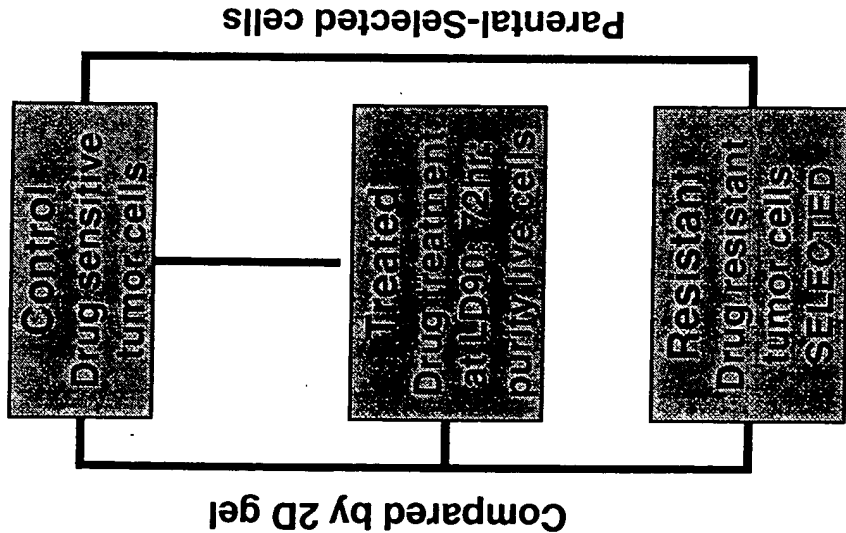


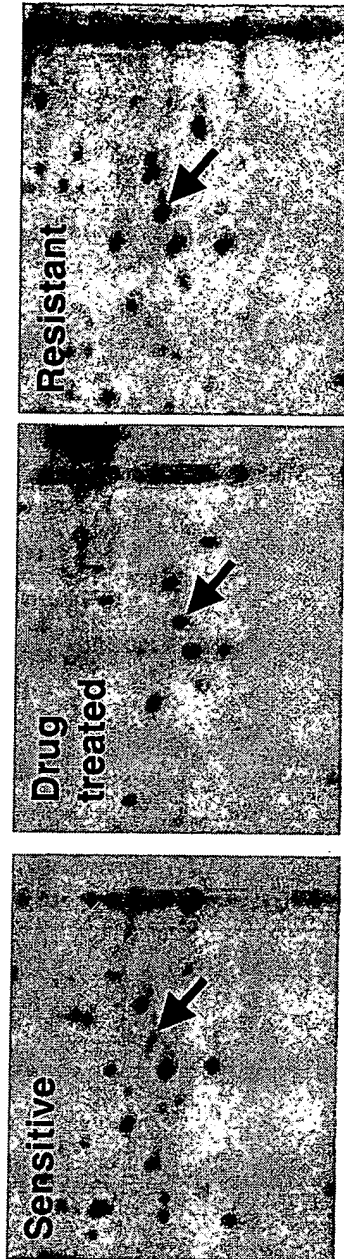
FIGURE 2

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Figure 3A



Effects of Doxorubicin treatment on protein expression in Ovarian tumor cells



PROFOUND - Search Result Details

Details for rank 1 candidate in search C28F5E87-0218-373F4721

gi999892|pdb|1HTT|A Chain A, Triosephosphate Isomerase (Tim) (E.C.5.3.1.1) Complexed With 2-Phosphoglycolic Acid

gi999893|pdb|1HTT|B Chain B, Triosephosphate Isomerase (Tim) (E.C.5.3.1.1) Complexed With 2-Phosphoglycolic Acid

Sample ID : (Pass:0)
Measured peptides : 16
Matched peptides : 8
Min. sequence coverage: 40%

Version 4.10.6
The Rockefeller University Edition

Measured Mass (kD)	Avg. Computed Mass (kD)	Error (ppm)	Peptides	Missed	State	To	Cut	Peptide sequence
953.441	M	953.476	-36	6	13	0		FEVGGNWK
1136.540	M	1136.564	-21	59	68	0		IAVAAQNCYK
1457.724	M	1457.714	10	100	112	0		HVFGEDELIGOK
1601.906	M	1601.881	16	160	174	0		VVLAYEPVWAIGTK
1613.820	M	1613.815	5	99	112	1		RHVFGESDELIGOK
1741.859	M	1741.831	16	85	99	1		DCGATWVVLGHISRR
1806.978	M	1806.965	13	113	130	0		VAHALAEGLVIAICIGK
2191.067	M	2191.061	6	33	52	0		VPADTEVVCAPTAYIDFAR

Figure 3B

**Differentially Expressed Proteins Following Limited Drug Treatment
And
Are ALTERED in Selected Drug Resistant Cells**

